

INSTITUTE DRAWS LARGE CROWD ON OPEN HOUSE NIGHT

All Departments in Operation
As During the Ordinary
School Day

LABS ATTRACT ATTENTION

Visitors Are Conducted Through
Buildings by Students
Guides

According to an estimate made by the committee in charge of the Open House, about 3000 people visited the Institute last Friday night. The buildings were open from 7 until 11 o'clock and all of the laboratories were open and in operation the same as during the regular school day.

The visitors entered at the Building 5 entrance, were split into groups of 15 or 20 people and were shown about by students who acted as guides during the evening. The Clarke collection of marine prints attracted much attention so that the navy museum was crowded throughout the evening.

The visitors were apparently interested in the testing materials laboratory in building 1 where the 1,000,000 pound testing machine was in operation. The strength of cement slabs and wood blocks was investigated with this machine. Machines for determining the torsional and tensile strength of various materials were also in operation.

Laboratories Visited

The exhibit of the work of the architects in the main lobby occasioned favorable comment. The new X-ray laboratory of the physics department in the basement of building 4 attracted a great number of people for it is entirely lined with lead sheets so that the machine can be operated from outside without danger to the operator.

The army display in the hangar, especially the new 40 ton tank drew many visitors. The wind tunnel, the engine laboratory, the heat treatment laboratories and the dynamo laboratory were crowded throughout the evening. In all of these laboratories, members of the instructing staff were stationed to answer questions asked by the visitors.

In order to avoid congestion at the start the guides were given two different routings. Both routes started at the Pratt Building, one going from there to building 2 where the chemistry laboratories were inspected, while the other started in building 1 with a visit to the thermodynamic laboratory. In this way, no large groups gathered in any one part of the buildings in particular.

Novel Method Used

It was originally planned to end the routings in room 5-330 where industrial movies were to be shown from 7:30 to 9:30 o'clock. A meeting of the Taylor Society in that room at that time prevented the showing of these pictures during the evening. The visitors were therefore conducted back to the headquarters in building 5 when the trip of inspection had been concluded.

(Continued on Page 4)

T.C.A. SENDS APPEAL TO FORMER STUDENTS

Many Answers with Contribu-
tions Have Been Received

About a month ago the T. C. A. sent out letters to 257 former students of the Institute telling them of the present work of the association and of the need of more funds to continue its work efficiently. To date nearly one half of the letters have been answered, with contributions amounting to \$277. The little contribution books that are customarily sent out to the alumni and to the parents of the students, were enclosed with the letters.

Many of the former students were glad to be remembered and one man declared that he had not heard from the Institute for more than a year. Another said, "I am glad to see that the T. C. A. is still progressing in its usefulness to the student body. I doubt if there will ever be anything like it, doing the work it is doing, among the students." "It certainly is good to be remembered even when it is only a case of 'painless' extraction. Your letter was welcome, very welcome, in fact I was deeply 'touched.' The success of this appeal warrants a repetition next

week. Appointments for examinations must be made the first part of this week, as examinations will be concluded by the end of the week. Appointments may be made in the office of the Director of Physical Training.

Roaring Flames Stop Students Night Study

Technology, it appears, nearly lost a valuable aggregation of students Saturday night. The rooming house in which they live became cold so they obtained some wood from unknown and built a roaring fire. Sitting calmly about the fire, toasting their shins, they heard the fire truck in the distance.

"There's a fire somewhere," said one. "Yes, it's coming closer, it must be right around here. Let's go."

All rushed out, or to the windows. And sure enough the fire was near. The trucks stopped right in front of the house and a score of firemen trooped up the stairs. Straight to the roof they went and down the chimney showered a quart of rock salt.

On the other side of the street a crowd had gathered and the remarks passed back and forth vied in brilliancy with the sparks that had flown. Finally the trucks left followed by warn cries from the men. "Come around again, boys, when we can offer you something to drink."

The excitement was welcome but "They filled the room with soot," mourned one, and "I can't study any more now. Let's go eat."

FOUR NEW TENNIS COURTS PLANNED

Institute to Construct Concrete Courts on New Land Behind Cooperative Store

Four new tennis courts are to be constructed by the Institute on its new land west of Massachusetts Avenue, in back of the Technology Branch, Cooperative Society. Owing to the fact that dormitories are soon to be constructed on the site of the present tennis courts it was deemed inadvisable to improve them, and President Stratton authorized the building of the new ones in a permanent location.

The courts will be made on a three foot fill of cinders covered by a five-inch slab of reinforced cinder concrete. An inch-and-a-half surfacing of finishing concrete will complete the job. Each court will be laid in at least six sections, with expansion joints between.

Old Courts Repaired

The lines will be permanent, being laid in white concrete while the rest will be gray. The courts will be arranged with a slope of about one inch from the net down to the edges.

It is expected that the courts will be ready before the beginning of the first term next year. The concrete courts will be much more durable than the old gravel ones, and will permit playing within ten minutes after a rainstorm.

The old courts near Walker Memorial will be given temporary repairs this spring so some use can be made of them. The foundation of the Walker courts has practically been destroyed but it is not deemed worth while to spend much money repairing them when they will be only temporary. But the surfaces will be made so it is possible to play on them by raking and filling in the holes. According to Major Smith the courts will be fixed very shortly.

CABOT MEDAL AWARDS TO BE MADE SHORTLY

Physical examinations for those who were examined last fall will be held this week, in order to determine the winners of the Cabot medals.

These medals are awarded for the greatest physical improvement during the year, and anyone who is taking the physical training course is eligible. Five medals are awarded each year at the dinner following Field Day and the next five men in the examinations receive honorable mention.

Appointments for examinations must be made the first part of this week, as examinations will be concluded by the end of the week. Appointments may be made in the office of the Director of Physical Training.

INSTITUTE SCENE OF MEETINGS OF TAYLOR SOCIETY

Harvard, Boston University and Technology To Combine Welcome

PUT SCIENCE IN INDUSTRY

Society Stands for Promotion of Science and the Art of Management

Technology was the scene of most of the activities of the recent meeting of the Taylor Society, held in cooperation with the New England Section of the Taylor Society on Thursday, Friday, and Saturday of last week. Thursday's events consisted of a dinner at 6 o'clock, followed by an address delivered by Mr. S. Dennison of the Dennison Manufacturing Company, held in the Harvard Union. Friday the society spent in the Institute from 1 o'clock in the morning until about 10 o'clock in the evening. Saturday morning was devoted to a talk by Walter Humphries, Secretary of the National Association of Wool Manufacturers, in the Boston University College of Business Administration.

Society is International

The Taylor Society is international in character, and declares as its purpose the promotion of the science and the art of administration and of management. Its meetings are open forums, where anyone may join in the discussion of the papers presented. Many of the most prominent figures of industry are members of the Society.

The program at the Institute Friday included an informal luncheon, a dinner, and the delivery of three papers. In the morning W. O. Lichtner of Thomson and Lichtner Company, Boston, spoke on "Scientific Management and the Workers," at a meeting presided over by Howard Coonley, president of the Boston Chamber of Commerce. In the afternoon Fred Cullen, President of the Johnson Educator Food Company, Cambridge, acted as chairman while J. H. Barber of the Walworth Manufacturing Company, delivered a paper on "Master Planning Control of Sales and Production."

Visitors at Institute

After dinner Friday evening H. S. Person, managing director of the Taylor Society, New York, gave an address entitled "Industrial Psychology—A Layman Asks Some Questions." The president of the Society, R. A. Feiss, presided.

Among the visitors at the Institute during the meeting were Mrs. F. W. Taylor, widow of the originator of Scientific Management, the man after whom the society was named, and Mr. F. Gilbreth and Mrs. L. M. Gilbreth, well-known Industrial engineers.

TUNESTERS EXPECTING TRIP TO SOUTH AFRICA

Orchestra Formed by Group of Musical Clubs Men

Dave Grant's "Tunesters," an organization now well known to the patrons of the past Junior Week, has practically completed arrangements for a trip this summer to Africa where they will satisfy the craving which the inhabitants of the Transvaal have developed for American jazz. The entire personnel of the orchestra plays with the Combined Musical Clubs Dance Orchestra and, as far as is known, will all be back with the clubs next season with the exception of Dave Grant.

Thanks to the recommendation of three men from the Transvaal who are studying here at the Institute, the Tunesters are now negotiating with one of the summer resort hotels in the Transvaal although a definite contract has not yet been signed, the engagement of the orchestra is considered quite sure. The following is the personnel of the group of players: D. K. Grant '24, piano; F. B. Tandler '26 and R. G. Dexter '27, saxophones; Raymond Mancha '26, banjo; and Richard Whiting '26, drums.

With the help of two players from Paul Whiteman's Orchestra, the Tunesters furnished the music for the prom given by the Massachusetts Agricultural College this spring. They will play at the Smith College prom which occurs in May. With the Activities Dance and Tech Show as scenes of their activity during the past week the organization has had quite a lot of experience outside of that with the Musical Clubs.

CREWS MAKE GOOD SHOWING AGAINST NAVY IN OPENING RACE OF COLLEGIATE SEASON

Y.M.C.A. MEETING HELD AT INSTITUTE FRIDAY

A conference of the general and executive secretaries of Greater Boston Y. M. C. A.'s took place at the Institute last Friday. A lunch was held in the grill room. Walker, at 12 o'clock and then the conference adjourned to the committee room, Walker, for a meeting. H. S. Smith, general secretary of the Lynn Y. M. C. A. and chairman of the conference presided. In the absence of the regular secretary, W. M. Ross, of the T. C. A., acted in his place.

Plans for the summer were presented and discussed. The next monthly meeting was set for June 6 at the Keweenaw Y. M. C. A.

F. P. FISH SPEAKS ON PATENT LAWS

Connection of Laws to Industry And to Engineering Is Told Seniors

At the Aldred Lecture given last Friday the connection of the Patent System to the engineering profession and to business was explained by Frederick P. Fish, patent attorney, and member of the corporation. He traced the origin and growth of the patent system in both England and the United States and told how it had reached its present form, saying that the phenomenal industrial growth of the United States could be attributed to a great extent to the system.

That engineering skill is necessary to develop crude inventions to a working stage and often times performs fully as important a function as the inventor, was pointed out by the speaker. The Curtiss Turbine, the product of an apparently useless invention, developed by engineering was used as an illustration of this. "The theories governing the use of airplanes were known before Wright," he said, "but their development was held up until the perfection of the gas engine."

Monopoly Not a Danger

The speaker mentioned the fear of the American people of monopoly, but said that the monopoly granted by patents should not be regarded in this light. Co-operation between holders of patents he also believes to be right. As an example he pointed to the electrical industry where patents granted in the early stages of the industry so confused manufacturers that they could have no assurance that they would be allowed to sell their products. Granting of licenses by the patent holders clarified this situation so that the industry was able to advance rapidly.

Mr. Fish closed his address by a summary of the points he had emphasized and asked his audience to think of what engineers had done and could do in the advancing of inventions towards the stage of perfection.

Mr. Fish's lecture was the ninth of the Aldred series of 12 lectures. The tenth will be given in room 10-250 Friday afternoon by A. H. Rogers, a mining engineer. As has been usual during the entire series, attendance will be limited to Seniors, Graduate Students, and members of the Faculty.

LARGE NUMBER BOOKS IN TECHNIQUE OFFICE

Technique announces that 700 of the full quota of books to be exchanged for redeemed sign-ups have been disposed of to date but that another 70 copies still remain in the Technique office awaiting their claimants. The office will be open from 12 until 2 o'clock every day until these books have found their rightful owners. No more copies will be distributed in the main lobby. The management of Technique also has 100 extra copies which will be sold at \$4 each, and are much desirous of a display of promptness in removing the remaining 70 from their charge.

LOSE FIRST RACE BY TWO LENGTHS IN SPIRITED FIGHT

Week of Training Has Improved Physical Condition of Both Crews

VALENTINE IN FIRST BOAT

Making the best showing that any Technology crew has ever done, and pushing the Navy oarsmen throughout the entire contest, the Engineer first Varsity crew crossed the finish line about two and a quarter lengths behind the midshipmen's shell in the opening race of the season at Annapolis Saturday afternoon. The junior Varsity showed the same relative strength against the Navy second Varsity, as they pushed the sailors hard, finally being defeated by about three lengths at the finish.

In the first Varsity race Bill Haines' crew covered the mile and five-sixteenths Henley distance in the time of 6 minutes 54 seconds, as compared to the Navy's time of 6 minutes 44.35 seconds. While the junior Varsity covered the same distance in 7 minutes and 11 seconds to the time of 6 minutes 59 seconds for the Annapolis second boat.

Last Minute Change

True to the system he has put into practice all season, Coach Haines made a last minute change in the lineups of the two boats the day before the race. Greer who had been stroking the first Varsity boat for the last two weeks was replaced by Valentine, who was stroke of the junior shell. Coach Haines made two changes in the crew lineups while they were at Annapolis. Horle who went from the junior boat to the first Varsity was the other man which the coach shifted.

Interest of Alumni, months of hard work this season, the week's practice at Annapolis, and above all Coach Bill Haines have put Technology in a position where she can take her place among the leading rowing colleges of the east. Last year the Engineers were defeated by about eight lengths, and the defeat of the first Varsity Saturday by two and a quarter lengths show the progress the crews have made this season.

(Continued on Page 3)

PROFESSOR EHRENFEST ADDRESSES PHYSICISTS

Discusses Quantum Theory and Nernst's Third Law

At the ninth meeting of the Physics Seminar, held last Thursday, Professor P. Ehrenfest of the University of Leyden delivered a lecture on the statistical aspects of the first, second and third laws of thermodynamics with special emphasis on the relation of the quantum theory to Nernst's third law. An audience made up of a large proportion of the instructing staff and graduate students of the departments of Physics, Chemistry, Mathematics and Electrical Engineering attended this meeting.

On opening the meeting, President Stratton announced that plans for a continuation of these lectures on modern topics in physics, by scientists of world renown, had been made for the coming academic year. Enthusiastic comments were heard at the end of the meeting on this new initiative of the Physics Department.

CALENDAR

Thursday, May 1
8:00—Menorah Society dance, north hall.
Friday, May 2
8:00—Dorm dance, main hall.
Saturday, May 3
8:00—Archimedes Society, dinner dance, north hall.
Friday, May 9
8:00—Catholic Club dance, main hall.
6:00—Class of 1905 dinner, Faculty dining room.

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FATALISM AND LAZINESS

IT is surprising to note the number of people nowadays who are believers in heredity as an absolute, controlling force in life. Scientific fatalism or predestination it is, and its widespread acceptance is indicative of loose, unpenetrative thought. The adherent sees himself as the immutable product of his progenitors, an unchanged entity; so he settles down with a careless acceptance of his invariability, and philosophizes on the uselessness of trying to improve one's self.

This is merely an example of a mental condition that is deplorably prevalent. This mental attitude—it cannot be called a philosophy—is purely an unthinking, epicurean state of mind due to lack of initiative or intellectual aspiration. The influence of heredity is undeniable, but by no means is it an absolutely determinative factor. It is simply the easiest course to take in contrast to the real course—a courageous striving to create an environment that will be of effective good.

In all phases of life this willingness to accept things as they are is a detrimental laziness and a drag-weight to progress. Men learn a bit of science, become engrossed in its materialism and cease to recognize any other factor except science. It is more easy to entirely forget the existence of a spiritual explanation of life and in the forgetting to assume a hostile, deprecatory attitude toward the unscientific. The spiritualist laughs at the scientist without having an inkling of scientific dogma. The Fundamentalist rouses himself to a frenzy in opposing the Modernist, the scholastics create a schism of mortal enmity when unable to decide the number of angels that can dance on the point of a needle. Tweedledee hates Tweedledum because he twiddles his thumbs differently.

So runs intolerance—mental laziness it is that bespeaks a lack of energy to step out of the beaten path. Accept all blindly; oppose all that is different; laugh intolerantly at Tweedledum. It is the easy course, the course of the fatalist. But what trash in the path of progress.

A PASSING TRADITION

A NOTHER tradition has gone into the discard! Last fall we lost our little spree and leg show. It was deemed an unfitting close to such a noble institution as Field Day. Many, thinking of our reputation and the good of the Institute, rejoiced. Some, thinking of good times and the ensuing headaches, shed bitter tears for gay evenings never to be repeated. An ancient tradition, but one that had to be moulded to public opinion and the laws of our country.

With the passing of the latest, our "Infant Tradition," the Beaver, no such storm has been aroused. From the quiet following the Beaver's theatric plunge into the Charles, it can be assumed that its hold on our hearts was less than on our imagination. It was brought into being with a purpose—to fill the gap left by Tech Night. But at best it was an imitation, with the original at Amherst in the person of their beloved Sabrina.

The Beaver has gone! It was fostered by our leaders and then discarded when they felt its failure. If we must have a tradition let it at least be an original one, and, if we may suggest it, a trifle less childish. If such a tradition cannot be found, rather leave the niche vacant for a period than fill it with a failure of a foppery.

THE NAVY RACE

BILL HAINES' experiment with crew is over. For a week the two varsity eights strained and sweated on the Severn in preparation for the Navy race. They were beaten, but who shall say that they were not successful! The Midshipmen have long been noted for their speedy eights—their reputation is made. Here, crew is just coming into prominence. We have had eights for several years, but they have been mediocre in performance, if not in spirit. Under the leadership of Bill Haines, the sport is growing by leaps and bounds. We have our reputation to make—the outcome of the Navy race has put it far in the making.

Two lengths—nine seconds—beaten, but by one of the strongest eights in the country. In other years the Engineer crews were wont to treble the interval before crossing the finish line. Win if you can—yes—but we doubt if the Middies were able to hold their lead to the finish without putting a good deal of fight into it. The crews lost to Navy—but they have won a path to the respect of their fellows as a group of fighters. They fought for us and we may well be proud of them.

What Occupies the Minds of the Undergraduates in Our Great Colleges

By Harry R. Wellman

Courtesy Dartmouth Alumni Magazine

All colleges have been through a difficult situation. The close of the war developed the over-tired, jazz-nerved women, who were aggressive in their pursuit. It was the thing to appear to be "hard-boiled." If there were laws of decency they must be broken to prove that the then type was right. But as the marriage rate failed to increase with these methods, the younger feminine generation paused. The first tendrils of the "climbing vine" crept out over a year ago and now—oh well—we are again approaching the "awakened sex" method of attack and our troubles as institutions are over. College men are interested in women. They should be. Their interest in this year of 1924 is exactly the same interest as in 1854 and as it will be in 1923. It is normal, natural and human. The danger point is past for the present at least.

Activities

After women, come activities. We do not have the same enthusiastic interest in football that we had in 1930. Center College had it. Notre Dame had it. It appears to run in cycles and yet, those cycles appear to be pretty closely tied up with the size of the institution and the prowess of the team. Perhaps we would win more games if we still had our former white-hot enthusiasm to win. Nowadays, we are satisfied if our men play the best game they know how—whether they win or lose. This state of mind may not suit the football enthusiast, but it's a fact. Today, football must share the honors and interest with baseball, hockey, basketball, the Outing Club, fencing and even handball! Athletics are a means now, not an end. Health, friendships with men in other colleges, exercise and a wider interest in all indoor and outdoor activities, have taken the place of the single enthusiasm builder, football.

Studies

Strangely enough, studies have come to occupy a fairly important place in the minds of the students. This is due to many things: Broader and sometimes better preparation for college; as widened curriculum, better instruction and better instructors, have opened up new and interesting paths to the student of today. Special courses are available to the interested student in almost every department. Poetry, prose, art

COMMUNICATIONS

To the Chairman of Groups A, B and C Activities.

Elections for the school year of 1924-125 will be held May 7, 1924.

The President of the M. I. T. Undergraduate Association has requested that all organizations recognized by said association and those who have representatives on the Institute Committee, hold their elections for new officers, on or before May 7, 1924.

The new Institute Committee will convene the first meeting following that of May 8.

(Signed) Archie D. Carothers,
Secretary, Institute Committee.



Again our friend of Arabian star proclivities has seen fit to express herself in print. Yes, Fomalhaut is a "her." The rash thing failed not to scent her envelope—neither did the Lounger—Q. E. D. But lets give the lady the floor:

F. P. FISH TO GIVE FRIDAY'S LECTURE

Dear Lounger:
Clericals, rejoice; the Aldred Lectures oftsoons do make Tech medeaval! Foorsooth, they did hand us Fish on Friday last.

Soft did lie us to the Opera House and at sight of Kane's angel kid did shriek and flee. "The Hidden Idol" we had interpreted: the BEAVER; but on all sides there confronted us portraits of Another than he.

Languid this demon did sit amuck, with frenzied face contorted in fiendish grimace of sleepy resignation; weakly tired by some whim to die fighting. Full bloody hovered the vorpal blade in one gory paw, poised equally to shear off his own head or ours, who fervently mercy did implore. Then did enter into our cowed mind Words, uttered by one revered, that named him LOBSTER.

So unchained of the shackles of fear, we glided elusively in with clash of

is bitterly disappointed when instead of being given the truth, he is told bedtime stories! His early religious training does undergo various changes. As he grows older, as he becomes more and more dependent upon himself and upon his own soul, feelings or conscience, he wants to know—not guess. You can easily imagine the effect of all this religious (I prefer to say sacrilegious) controversy now broadcasted from pulpit after pulpit, Sunday after Sunday. It's simply demoralizing and is convincing many students that the truth must be sought within, if it is to be found at all.

If it is religion's to live clean lives, to maintain personal standards of purity and decency never before attempted by mankind generally, if it is religious to attempt to do the decent thing daily without broadcasting our acts, then the college man of today is religious. Please remember your own feelings at this age. He is just as sensitive as you were.

Continued Next Issue

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Play Directory

COLONIAL: "The Caddie Girl." Annual Fifteen show, a musical comedy. This week only.

COPLEY: "The Devil's Disciple." A comedy by Shaw about the American Revolution.

HOLLIS: "The Changelings." Brilliant comedy with good acting. Last week.

PLYMOUTH: "The Rabbit's Foot." Very clever and entertaining comedy of modern life.

ST. JAMES: "East Side-West Side." Comedy.

SELWYN: "The Heart of Paddy Whack." With Chauncy Olcott. Last week.

SHUBERT: Chauve Souris. Famous Russian show, with changed program, but generally much the same. Its last appearance in America.

WILBUR: "The Gingham Girl." Musical comedy. Last week.

BEAVER CREW AMONG THE LEADERS

FRESHMAN DEFEAT NORTHEASTERN '27 BY LARGE SCORE

Glantzberg and Weibe Hang Up
Three New Records in
First Contest

MERCER WINS 440 IN 54:2

Taking eight out of 13 first places, making a clean sweep in the pole vault and quarter, the Beaver frosh swamped Northeastern '27 by the score of 74 to 2. Fred Glantzberg and Jack Weibe led the Engineers in the scoring with three firsts each while Mercer and Fitzpatrick accounted for the other two. Weibe made a new record when he threw the spear 142 feet, while the distances of 34 feet with the 16 lb. shot and 160 6/8 with the 12 lb. hammer are new marks.

Weibe Wins Hundred
Jack Weibe started the ball rolling for Technology when he romped away with the 100 in the excellent time of 10.2, coming from behind and beating out his man in the last yard. The 220 went to Swanson of Northeastern at rather slow time, but Kauzman of the Engineers placed second in a close finish. Although the Beaver frosh made a clean sweep in the quarter their half milers were weak and a third was the best they could do in that event. Jim Gaylord lost the mile after leading by what seemed a comfortable margin for three laps. This was rather a disappointment, as Doc Connor expected to do a great deal better in the distances. He hopes to have better results in the Arlington meet, which is scheduled for 6 o'clock tomorrow.

A new record in the 220 yard lows was in the air when Steibrenner, kipping over the timbers in fine style was leading the field at the last barrier

(Continued on Page 4)

FROSH CREW WINS FROM HUNTINGTON

Second Boat Less Successful
And Trails Stone by
Three Lengths

Saturday afternoon the freshman crew season got under way in earnest when the first and second yearling boats met the Huntington and Stone school crews respectively. The first frosh outfit put up a beautiful exhibition of rowing and were able to lead their rivals to the finish line in front of Walker by a good six lengths. The second crew was not so fortunate, and failed their rivals by about three lengths. The first crew race was held over the regular Field Day course of one mile, but the second yearling boat and Stone raced over the American ten-mile distance of a mile and five sixteenths. Coach Stevens acted as referee of the race, while Prof. Dellenbaugh and Mr. Nichols of Stone were timers.

The race between the second frosh and Stone was rowed first. The crews paddled to the starting line opposite Union Boat Club, and got away at a fast start. Stone gained at the start and was able gradually to lengthen the distance from the freshman boat. The mile and five sixteenths was something new to the frosh and that was largely the cause of Stone's three length lead at the finish.

The lineup: Stone: bow, Sweetser; Schuman; 3, Hunt; 4, Holland; 5, Maher; 6, Anderson; 7, Kinley; stroke, Martin; cox, Holland. Second freshman: bow, Tingey; 2, Williams; 3, Sporne; 4, Moineau; 5, Hammond; 6, Johnson; 7, Harvey; stroke, Eaton; X. Chase.

The race between the first freshmen and Huntington was rowed down the river and against the wind. Coach Stevens started the race from one of the ice boats, as the Wolf had her propeller fouled at the start of the previous race. Huntington's start was a faster than that of the Engineers, but the more powerful stroke of the latter made them forge ahead at once. Although rowing a much higher stroke, Huntington put up a losing fight, and the freshmen rowed steadily away from them. As his crew approached the Harvard bridge stroke Tappan raised the count slightly and did it there until the finish line was passed. The time for this race was 5 minutes and 58 seconds.

The lineup: First freshmen: bow, Beland; 2, Emery; 3, Lammert; 4, Raby; 5, Blanford; 6, Collins; 7, Kales; stroke, Tappan; cox, Cohen. Huntington: bow, MacDonald; 2, Taylor; 3, Niels; 4, Rose; 5, Sidney; 6, Grant; Staples; stroke, Baker; cox, Gardner.

VARSITY		JUNIOR VARSITY	
Bow	Hamblet	Bow	Lauria
2.	Sayre	2.	Brockleman
3.	Horle	3.	Perra
4.	Latham	4.	Underwood
5.	Herckmans	5.	Stapleton
6.	Coleman	6.	Murdock
7.	Eaton	7.	Peterson
Stroke	Valentine	Stroke	Greer
Cox	Read	Cox	Haughton

CAPTAIN SERRANO WINS SABRE TITLE OF NEW ENGLAND

Ex-Captain Taylor Beaten As
Serrano Wins All Of
His bouts

ELIGIBLE FOR NATIONALS

A new chapter in fencing history was made last Friday and Saturday at the B. A. A. when Captain Serrano of the Beaver team won every one of his bouts and ran completely away with the New England Sabers Championship. This is practically an unprecedented feat and in addition not only did he win all of his bouts but he won them all with the utmost ease and was never for an instant in danger of losing.

Ferre, Levis and Blake were also entered but were all eliminated at the finish of the preliminaries. Taylor who was captain of the '22 team was also entered for individual honors and took third place in the sabers, which makes him eligible for the National Championship Meet to be held in New York on May 1 and 2.

Serrano Does Fine Work

Serrano undoubtedly did the prettiest saber work that has been seen at the B. A. A. for many a year as some of the oldest members can not remember a championship meet in which a man won all of his bouts at sabers. Also he worked easily, never getting flustered and never making unnecessary moves which would not get him an actual advantage. He has had a good deal of hard luck at various times during the year but he certainly made up for it all at once.

During the last two years he has been very versatile in this respect, as he either won practically every bout in the meet or lost an equal number. In the first meet this year against Columbia he started out to a roaring season by taking all his bouts with practically



CAPT. SERRANO
New England Fencing Champion

CREWS MAKE EXCELLENT SHOWING AGAINST NAVY

(Continued from Page 1)

Seamen Get Advantage
In the first Varsity race the Navy boat got away to a little advantage over



BILL HAINES
Crew Coach

the Engineers at the beginning, keeping ahead of the Beaver crew by about a quarter of a length. The two shells kept the same relative position for about a half a mile. The Engineers were rowing 36 strokes to the minute to the 34 for the midshipmen.

In the last half mile the midshipmen put on a spurt and increased their advantage a little over the Engineers, until at the finish they had a full two and a half length lead.

After the first half mile the Navy crew lowered its stroke a little but kept the same advantage over the Technology oarsmen. During the entire race the Engineers were right on the heels of the Navy rowers, there was no letting up at any period of the contest.

The first Varsity got off to a good start and at the end of the first half minute were rowing at 20 strokes, which they increased to 38 at the end of the first minute. The Engineers went through the next half minute in 16 strokes which they increased to 33 at the end of the second minute. The Technology shell stuck right with the Navy boat up to the time the midshipmen put on their final spurt, about a quarter of a length separating the boats.

At the start of the junior Varsity race the Beaver oarsmen went through the first half minute in 20 strokes which was increased to 37 at the end of the first minute. The Engineers went through the next half minute in 17 strokes and increased to 33 at the end of that minute.

The junior Varsity got off to a great start getting a slight advantage over the Navy oarsmen, but the lead was not kept for long, as at the end of four minutes the midshipmen were a length

(Continued on Page 4)



Damon—

"What are you doing, Pythias—writing Her another letter?"

Pythias—

"No—not this time. Something more to the point, as one would say. I'm writing the Pater to send me a dozen Eldorado pencils. They are all sold out down at the store."

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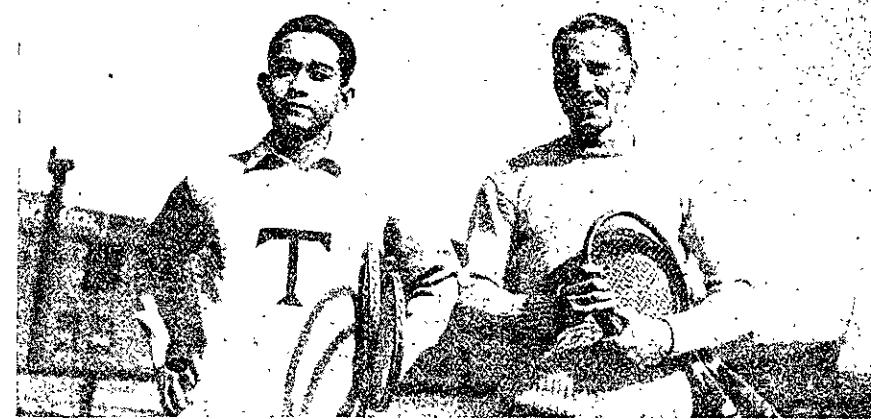
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no touches against him. As Columbia had made quite a shine in the previous Intercollegiate his chances for a winning season certainly looked good and he followed out all expectations by riding right through all the meets until Yale came round.

Then for some reason or other he fell down completely and lost the whole business. It is impossible to say why it happened but in spite of the fact that the Yale men were not so good as a number that he had met and beaten they went right through his guard every time. Due to this meet he lost out in his chances for the Intercollegiates but not by much for he was ruled out by a single touch. If he had lost one of the bouts by one less touch he would have qualified and once at the Intercollegiates he might easily have duplicated his recent performance at the B. A. A.

CREWS MAKE EXCELLENT SHOWING AGAINST NAVY

(Continued from Page 3)

head. The Engineers finished with a stroke. The half mile mark was the point where the Beaver crew lost out and the Navy boat forged ahead. For the most part of this race the Navy boat was rowing a faster stroke than the Technology rowers, going at the rate of 36 to the minute at some stages of the contest.

The weather conditions were practically perfect as the stiff breeze which had swept the river for the past week subsided and left the surface of the water calm. The Technology crews found an old friend in the position of referee—Lieut. Harris who coached the Engineer crews last year, he was captain of the Navy crew in 1919.

When the weights of the respective crews were compared, it was found that Technology had a little advantage over the midshipmen but the Navy oarsmen had the weight better distributed in the boats.

The lineup:

Naval Academy Varsity—Bow, Zuber; 2, Wheeler; 3, Eddy; 4, Haler; 5, Shieke; 6, Sylvester; 7, Watson; stroke, Bell; coxswain, Gwinn.

Second—Bow, Dewolfe; 2, Clexton; 3, Elliott; 4, McCorkie; 5, Shanklin; 6, Lambert; 7, Pederson; stroke, Brewster; coxswain, Hugnet.

Technology—Varsity—Bow, Hamblet; 2, Sayre; 3, Horle; 4, Latham; 5, Herckmann; 6, Coleman; 7, Eaton; stroke, Valentine; coxswain, Read.

Second—Bow, Lauria; 2, Brockleman; 3, Perra; 4, Underwood; 5, Stappleton; 6, Murdock; 7, Peterson; stroke, Greer; coxswain, Haughton.

FROSH TRACKSTERS WIN FROM NORTHEASTERN '27

(Continued from Page 3)

by two hurdles when he tripped over the last hurdle disqualifying him. The reliable Weibe won the broad jump with a leap of 19 feet while his teammate Wiebel was third with 18 ft. 6 in. Bob Dexter was not present to lead the frosh high jumpers, but Tacy got second in this event with 5 ft. 1 in. Brady, a newcomer on the track, won the pole vault at the height of 9 ft. 6 in.

Glantzberg Cleans Up

Versatile Fred Glantzberg annexed three firsts when he won the shot, hammer, and discus, the first two events went at a distance which establishes two new records. This reliable performer has been consistently shading the freshman records all year but this is the first time he has had a chance to break them officially. Jack Weibe came through in the javelin with a mark seven feet better than the freshman record but many yards behind his own distance which he is looked upon to equal with Arlington tomorrow.

Summary:

One hundred-yard dash—Won by Wiebe (T); second, K. E. Smith (T); third, Slocum (N). Time, 10 2-5s.

Two hundred and twenty-yard dash—Won by Swanson (N); second, Kauzmen (T); third, Slocum (N). Time, 23 2-5s.

Quarter-mile—Won by Mercer (T); second, Thomas (T); third, Spurr (T). Time, 54 4-5s.

Half-mile—Won by Cuilivan (N); second, SuSummer (N); third, Boyle (T). Time, 2m. 11 1-5s.

Mile—Won by DeVarney (N); second, Gaylord (T); third, Peck (N). Time, 4m. 54 4-5s.

Two hundred and twenty-yard hurdles—Tie between Brieve (N) and Fitz-

patrick (T); third, Steinbrenner (T). Time, 29s.

High jump—Won by Warren (N), 5 ft. 2 in.; second, Tacy (T), 5 ft. 1 in.; third, Fitzpatrick (T), 5 ft.

Shotput—Won by Glantzberg (T), 34 ft. 6 1/2 in.; second, Wilcutt (T), 32 ft. 9 1/2 in.; third, Crooker (N), 31 ft. 7 1/2 in.

Pole Vault—Won by Brady (T), 9 ft. 6 in.; second, Whittier (T), 9 ft. No third place.

Hammer throw—Won by Glantzberg (T), 160 ft. 6 1/2 in.; second, Wilcutt (T), 91 ft. 5 1/2 in.; third, Platt (N), 85 ft.

Broad jump—Won by Wiebe (T), 19 ft. 10 in.; second, Slocum (N), 18 ft. 10 in.; third, Wiebel (T), 18 ft. 9 1/2 in.

Discus throw—Won by Glantzberg (T), 103 ft. 1 in.; second, Young (N), 97 ft.; third, Wilcutt (T), 93 ft.

Javeline throw—Won by Wiebe (T), 42 ft.; second, Young (N), 135 ft. 4 in.; third, Crooker (N), 124 ft.

R. O. T. C. ENGINEERS SEE MOTION PICTURES

Moving pictures on demolitions and pontoon bridges were shown Saturday morning by the Military Science Department to the Sophomores taking engineer work. Methods of loading and detonating land mines and the effects of the explosions, the demolition of concrete walls, and the demolition of wooden trestles were demonstrated in the first reel.

The building of a heavy pontoon bridge gave the audience an anticipatory thrill when someone mentioned that they were witnessing what would be one of their favorite amusements on hot, sultry days at the R. O. T. C. summer camp. Some disappointment was expressed when, as infantry were shown running across a narrow footbridge, nobody slipped and fell in, but the spectacle of a soldier paddling what looked to be a very loosely built raft with a shovel for an oar caused a good deal of amusement.

MANY VISIT INSTITUTE ON OPEN HOUSE NIGHT

(Continued from Page 1)

Major Smith, Superintendent of Buildings and Power, originated a novel system to insure no visitors being locked in the buildings during the night. At 11 o'clock, a bell was rung and a few minutes later the lights on the fourth floor were extinguished. The visitors were thus forced down to the third floor where the lights were extinguished in a short time. In this manner the people quite naturally wandered to the first floor where they could make their exit.

Judging the number of inquiries made at the committee's desk last night for information in regard to admission to the Institute, the Registrar will probably distribute a large number of bulletins during the next few weeks.

Golfers Succumb To Bruin Quartet In Windy Match

Massey and Head Lose Twosomes By Narrow Margin and Win Foursome

In the first golf match of the season against Brown last Saturday the Engineers quartet was pretty much subdued by their opponents to the tune of 5-1. In spite of the rather one sided score the men played some very good golf and with more practice should make a strong and smooth working team. Knickerbocker of Brown was by far the star player of the meet doing several holes in scores that were far above the average for college players.

Massey and Head did the best work for the Beavers making the Engineers only score in their foursome. Both lost their twosome by very small margins and these in the last few holes. Massey was one down at the eighteenth and Head's match, carried an extra hole, was also lost by a single stroke. Both of them were playing mighty fine golf at the beginning of their matches and were several holes up at the middle of the course but at the last few holes they declined steadily.

Wind Handicaps Players

In addition the course is located right on Narragansett Bay and along in the afternoon a strong wind started to sweep across the links which, due to their lack of practice, threw them off quite a bit. In their foursome they put it all over Horton and McCleod which showed, since the match was played on the best ball, that they could have done it separately if they had really made up their minds to it.

Fitch lost by five and four and Lar-kin by six and five and in the foursome they lost by seven and five which really shows lack of practice more than anything else. Both played good enough golf but were often uncertain and somewhat versatile which faults they will probably get over when the effects of a winter of inaction wears off.

Same Team Against Harvard

They will not have much time for improvement before the next meet as that will come tomorrow against Harvard. In all probability the team will be the same as against Brown although there is a possibility that some substitution may be made to give some of the other players a chance to show what they can do under pressure. Harvard has been in pretty nearly the same fix as the Engineers in regard to a place on which to practice and consequently the team will have a slightly better chance to score than previously.

If Massey and Head are retained they should certainly take care of the men in their class and Fitch and Lar-kin would at least have a chance against their opponents.

Notices and Announcements

All notices for this column should be in by the morning of the day preceding the issue.

OFFICIAL

LECTURES ON COURSES

Mon., Apr. 28th, IV. Architecture, Common Room, Rogers. Prof. Emerson.
Tues., Apr. 29th, XV. Eng. Admin., Room 3-270. Prof. Dewey.
Wed., Apr. 30th, V. Chemistry, Room 4-270. Prof. Keyes.
Thurs., May 1st, VI. Electrical Eng., Room 10-275. Prof. Jackson.
Fri., May 2nd, VII. Biology, Room 19-275. Prof. Prescott.
Mon., May 5th, VIII. Physics, Room 4-231. Prof. Norton.
Tues., May 6th, III & XII. Mining and Geology, Room 4-345. Prof. Lindgren.
Wed., May 7th, X. Chem. Engineering, Room 4-270. Prof. Lewis.
Thurs., May 8th, XIII. Naval Archi., Room 3-270. Prof. Jack.
Fri., May 9th, XIV. Electrochemistry, Room 4-231. Prof. Goodwin.
Wed., May 14th, IX. General Science, Room 4-270. Prof. C. L. E. Moore.
All talks are given at 5 P.M. and are open to all freshmen.

UNDERGRADUATE

SPEAKERS' CLUB

Mr. Dow, President of the Harvard Liberal Club will be one of the speakers at the regular meeting of the Speakers Club in room 1-200 tomorrow at 5. Visitors are welcome.

MENORAH SOCIETY

An informal dance will be given by the Menorah Society in the north hall of Walker, Thursday, May 1. Tickets may be obtained from any of the officers at \$2. a couple.

DORM DANCE

There will be an informal Dorm Dance, Friday, May 2. Music will be furnished by the entire Musical Clubs Dance Orchestra. Tickets are \$2 a couple and will be on sale this week in the main lobby from 12 to 2, or they may be secured from the Dorm. Supt.

SENIOR CLASS DAY COMMITTEE
There will be a meeting of the Senior Class Day Committee in room 10-100 today at 4.

ORDNANCE SMOKER

An Ordnance Smoker will be held in 5-330 today at 8. There will be election of officers and a talk by Major Sears.

CHORAL SOCIETY

The Choral Society will meet today at 7 in room 5-330, Friday at 5 in room 5-330, and on Sunday at 3 at the Evans Memorial Hospital.

TECHNIQUE

Books given out at the office all this week. Time 12-2 and 4-5:30. Books sold to those not having signups for \$4 (Limited number only).

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